Anti-STX1A antibody (1-100) (STJ110240)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IHC-P/IF/ICC/ELISA
Host / Source	Rabbit
Reactivity	Mouse/Rat

PRODUCT PROPERTIES

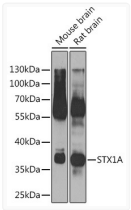
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IHC-P:1:100-1:200 IF/ICC:1:50-1:200 ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.02% Sodium Azide, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 33kDa Observed Mw: 38kDa
Storage Instruction	Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

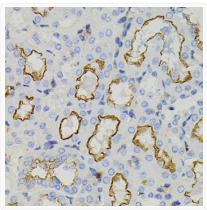
Gene ID	6804
Gene Symbol	STX1A
UniProt ID	STX1A_HUMAN
Immunogen Region	1-100
Immunogen Sequence	MKDRTQELRTAKDSDDDDDV AVTVDRDRFMDEFFEQVEEI RGFIDKIAENVEEVKRKHSA ILASPNPDEKTKEELEELMS DIKKTANKVRSKLKSIEQSI
Specificity	A synthetic peptide corresponding to a sequence within amino acids 1-100 of human STX1A (Q16623).

ADDITIONAL INFORMATION

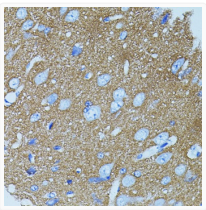
Note	STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



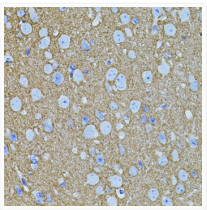
Western blot analysis of various lysates using STX1A Rabbit pAb (STJ110240) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (STJS000856) at 1:10000 dilution.
Lysates/proteins: 25 Mu g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit
Exposure time: 90s.



Immunohistochemistry analysis of paraffin-embedded Mouse kidney using STX1A Rabbit pAb (STJ110240) (40x lens). Microwave antigen retrieval performed with 0. 01M PBS Buffer (pH 7. 2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Rat brain using STX1A Rabbit pAb (STJ110240) (40x lens). Microwave antigen retrieval performed with 0. 01M PBS Buffer (pH 7. 2) prior to immunohistochemistry staining.



Immunohistochemistry analysis of paraffin-embedded Mouse brain using STX1A Rabbit pAb (STJ110240) (40x lens). Microwave antigen retrieval performed with 0. 01M PBS Buffer (pH 7. 2) prior to immunohistochemistry staining.